

AMENDMENTS TO THE ABSTRACT:

Please amend the ABSTRACT as follows:

ABSTRACT

Inductor-capacitor (LC) RF resonator circuits are formed of a conductive loaded resin-based material. The conductive loaded resin-based material comprises micron conductive powder(s), conductive fiber(s), or a combination of conductive powder and conductive fibers in a base resin host. The ratio of the weight of the conductive powder(s), conductive fiber(s), or a combination of conductive powder and conductive fibers to the weight of the base resin host is between about 0.20 and 0.40. The micron conductive powders are formed from non-metals, such as carbon, graphite, that may also be metallic plated, or the like, or from metals such as stainless steel, nickel, copper, silver, that may also be metallic plated, or the like, or from a combination of non-metal, plated, or in combination with, metal powders. The micron conductor fibers preferably are of nickel plated carbon fiber, stainless steel fiber, copper fiber, silver fiber, or the like. ~~The conductive loaded resin-based inductor-capacitor (LC) RF resonator circuits can be formed using methods such as injection molding compression molding or extrusion. The~~

~~conductive loaded resin-based material used to form the
inductor-capacitor (LC) RF resonator circuits can also be in the
form of a thin flexible woven fabric that can readily be cut to
the desired shape.~~